

In the Specification

Please amend the paragraph appearing at page 1, lines 1-14, as follows:

RELATED PATENT APPLICATIONS

Q1 This application is related to U.S. Patent Application Serial No. 09/853,323 entitled "Method and System for Transmitting Information in an Optical Communication System Using Distributed Amplification," U.S. Patent Application Serial No. 09/853,316 entitled "Method and System for Demultiplexing Non-Intensity Modulated Wavelength Division Multiplexed (WDM) Signals," and U.S. Patent Application Serial No. 09/853,340 entitled "Method and System for Tuning an Optical Signal Based on Transmission Conditions," and U.S. Patent Application Serial No. 09/853,319 entitled "Method and System for Communicating a Clock Signal Over an Optical Link, all filed on May 10, 2001.

Please amend the paragraph appearing at page 12, line 26 through page 13, line 3, as follows:

Q2 In accordance with one embodiment, modulator 74 72 modulates the phrase, frequency or other suitable non-intensity characteristic of the carrier signal with the data signal 74. As previously described, this generates a non-intensity optical information signal 24 with poor susceptibility to cross talk due to XGM in long-haul and other transmission systems using bi-directional DRA or other distributed amplification. Details of the carrier wave, frequency modulation of the carrier wave and phase modulation of the carrier wave are illustrated in FIGURES 3A-C.